

8 an output device for outputting coded image data with tool
9 information indicating the decoding algorithm for decoding the
10 coded image data,

11 wherein at least one tool for constituting the decoding
12 algorithm is selected individually.

13

14 21. The image data coding apparatus according to claim 20,
15 wherein the tool information indicating the decoding algorithm
16 includes identifying information as to the tools constituting
17 algorithm and resource information as to processing resources
18 required for execution of the tools individually.

19

20 22. An image data coding apparatus, comprising:

21 a video input unit for inputting image data;

22 a storage device for storing previously defined tools;

23 a selector for individually selecting at least one tool
24 from the previously defined tools;

25 an encoder for constructing a coding algorithm from the at
26 least one selected tool and coding the image data by applying
27 the coding algorithm; and

28 a transmitter for transmitting coded image data and tool
29 information indicating the decoding algorithm for decoding the
30 coded image data.